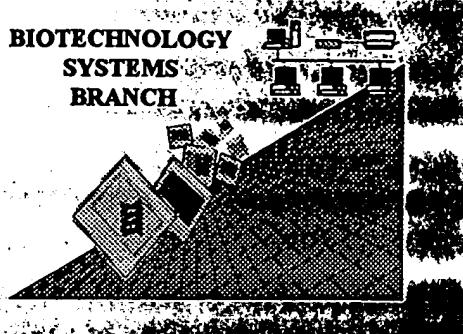


Zaghmount

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/894,356B

Art Unit / Team No.: 1649.

Date Processed by STIC: 10/23/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

PAGE: 1

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356B**DATE: 10/28/1999
TIME: 17:33:20**INPUT SET: S33783.raw**

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

SEQUENCE LISTING

- 1 ,
2
3 (1) General Information:
4
5 (i) APPLICANT: ASHIKARI, Toshihiko
6 TANAKA, Yoshikazu
7 FUJIWARA, Hiroyuki
8 NAKAO, Masahiro
9 FUKUI, Yuko
10 SAKAKIBARA, Keiko
11 MIZUTANI, Masako
12 KUSUMI, Takaaki
13
14 (ii) TITLE OF INVENTION: GENE ENCODING A PROTEIN HAVING ACYL
15 GROUP TRANSFER ACTIVITY
16
17 (iii) NUMBER OF SEQUENCES: 31
18
19 (iv) CORRESPONDENCE ADDRESS:
20 (A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
21 (B) STREET: 1737 King Street, Suite 500
22 (C) CITY: Alexandria
23 (D) STATE: Virginia
24 (E) COUNTRY: United States
25 (F) ZIP: 22314-2756
26
27 (v) COMPUTER READABLE FORM:
28 (A) MEDIUM TYPE: Floppy disk
29 (B) COMPUTER: IBM PC compatible
30 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
31 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
32
33 (vi) CURRENT APPLICATION DATA:
34 (A) APPLICATION NUMBER: US 08/894,356
35 (B) FILING DATE: 18-AUG-1997
36 (C) CLASSIFICATION:
37
38 (vii) PRIOR APPLICATION DATA:
39 (A) APPLICATION NUMBER: JP 7-67159
40 (B) FILING DATE: 17-FEB-1995
41
42 (viii) PRIOR APPLICATION DATA:
43 (A) APPLICATION NUMBER: JP 7-196915
44 (B) FILING DATE: 29-JUN-1995
45
- Does Not Comply
Corrected Diskette Needed

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356B**DATE: 10/28/1999
TIME: 17:33:20**INPUT SET: S33783.raw**

46 (vii) PRIOR APPLICATION DATA:
47 (A) APPLICATION NUMBER: JP 8-46534
48 (B) FILING DATE: 30-JAN-1996
49
50 (vii) PRIOR APPLICATION DATA:
51 (A) APPLICATION NUMBER: WO PCT/JP96/00348
52 (B) FILING DATE: 16-FEB-1996
53
54 (viii) ATTORNEY/AGENT INFORMATION:
55 (A) NAME: Meuth, Donna M.
56 (B) REGISTRATION NUMBER: 36,607
57 (C) REFERENCE/DOCKET NUMBER: 001560-308
58
59 (ix) TELECOMMUNICATION INFORMATION:
60 (A) TELEPHONE: (703) 836-6620
61 (B) TELEFAX: (703) 836-2021
62
63

ERRORED SEQUENCES FOLLOW:

836 (2) INFORMATION FOR SEQ ID NO:6:
837
838 (i) SEQUENCE CHARACTERISTICS: 1522 base pairs (next page)
--> 839 (A) LENGTH: 1521 base pairs
840 (B) TYPE: nucleic acid
841 (C) STRANDEDNESS: double
842 (D) TOPOLOGY: linear
843
844 (iii) MOLECULE TYPE: cDNA to mRNA
845
846 (iii) HYPOTHETICAL: NO
847
848 (iv) ANTI-SENSE: NO
849
850 (vi) ORIGINAL SOURCE:
851 (A) ORGANISM: Lavandula angustifolia
852 (F) TISSUE TYPE: petal
853
854 (vii) IMMEDIATE SOURCE:
855 (A) LIBRARY: cDNA library
856 (B) CLONE: pLAT21
857
858 (ix) FEATURE:
859 (A) NAME/KEY: CDS
860 (B) LOCATION: 1..1352
861
862
863 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
864

FIG I, N represents a nucleic acid and should be counted

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356B

DATE: 10/28/1999
TIME: 17:33:21

INPUT SET: S33783.raw			
-->	865	NTG ACC ACC CTC CTC GAA TCC TCC CGA GTG GCG CCG CCT CCA GGC ACG	47
	866	Xaa Thr Thr Leu Leu Glu Ser Ser Arg Val Ala Pro Pro Pro Gly Thr	48
	867	1 5 10 15	=
	868		
	869	GTG GCT GAG CAG TCA CTC CCG CTC ACC TTC TTC GAC ATG ACG TGG CTG	95
	870	Val Ala Glu Gln Ser Leu Pro Leu Thr Phe Phe Asp Met Thr Trp Leu	96
	871	20 25 30	
	872		
	873	CAT TTC CAC CCC ATG CTT CAG CTT CTC TTC TAC GAA CTC CCC TGT TCC	143
	874	His Phe His Pro Met Leu Gln Leu Leu Phe Tyr Glu Leu Pro Cys Ser	
	875	35 40 45	numbers
	876		off
	877	AAA CCC GCC TTC CTC GAA ACC GTC GTT CCG AAA CTC AAA CAA TCC TTA	191
	878	Lys Pro Ala Phe Leu Glu Thr Val Val Pro Lys Leu Lys Gln Ser Leu	
	879	50 55 60	
	880		
	881	TCT CTA ACC CTC AAA CAC TTC TTC CCC CTT TCA TGC AAT CTA ATC TAC	239
	882	Ser Leu Thr Leu Lys His Phe Phe Pro Leu Ser Cys Asn Leu Ile Tyr	
	883	65 70 75 80	
	884		
	885	CCT CTA TCG CCG GAG AAA ATG CCG GAG TTC CCG TAT CAG AAC GGT GAC	287
	886	Pro Leu Ser Pro Glu Lys Met Pro Glu Phe Arg Tyr Gln Asn Gly Asp	
	887	85 90 95	
	888		
	889	TCG GTT TCT TTC ACG ATT ATG GAG TCT GTC GGA GAT CAT CCG CAT TCC	335
	890	Ser Val Ser Phe Thr Ile Met Glu Ser Val Gly Asp His Pro His Ser	
	891	100 105 110	
	892		
	893	GCT CAT AAA TAC TAC TGC TTT GCC CCT AGC GAC GAT TAT GAA GAT CTC	383
	894	Ala His Lys Tyr Tyr Cys Phe Ala Pro Ser Asp Asp Tyr Glu Asp Leu	
	895	115 120 125	
	896		
	897	CAG CTG CCG CCG ATA GTC GAG GAA TCT GAT CGG AAA TTG TTT CAA GTT	431
	898	Gln Leu Pro Pro Ile Val Glu Glu Ser Asp Arg Lys Leu Phe Gln Val	
	899	130 135 140	
	900		
	901	TTA GCC GTG CAA GTG ACT CTG TTT CCC GGT CGC GGG GTG TGC ATC GGA	479
	902	Leu Ala Val Gln Val Thr Leu Phe Pro Gly Arg Gly Val Cys Ile Gly	
	903	145 150 155 160	
	904		
	905	ATA ACG ACG CAC CAC ACC GTT AGC GAT GCT CCA TCG TTT GTA GGG TTT	527
	906	Ile Thr Thr His His Thr Val Ser Asp Ala Pro Ser Phe Val Gly Phe	
	907	165 170 175	
	908		
	909	ATG AAG AGT TGG GCT TCC ATC ACT AAA TTC GGA GGA GAT GAT GAA TTC	575
	910	Met Lys Ser Trp Ala Ser Ile Thr Lys Phe Gly Gly Asp Asp Glu Phe	
	911	180 185 190	
	912		
	913	TTG GAC GGA AAA GGT GAA TGT TTG CCG GTT TTC GAC CGA TCG CTC GTG	623
	914	Leu Asp Gly Lys Gly Glu Cys Leu Pro Val Phe Asp Arg Ser Leu Val	
	915	195 200 205	
	916		
	917	AAT TAT CCG CCT AAA TTG GAC ACA TAT TTA TGG AAC AAC GCG CAG AAA	671

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356B**

DATE: 10/28/1999
TIME: 17:33:21

INPUT SET: S33783.raw

918	Asn Tyr Pro Pro Lys Leu Asp Thr Tyr Leu Trp Asn Asn Ala Gln Lys			
919	210	215	220	
920				
921	CGT CCG TTG GAA TCG CAG CAT CCA TCT TTA CCG ACG GAT CGG ATT CGA		719	
922	Arg Pro Leu Glu Ser Gln His Pro Ser Leu Pro Thr Asp Arg Ile Arg			
923	225	230	235	240
924				
925	GCT ACC TAC CTT TTC ACC CAA TCT GAA ATT AAG AAA TTG AAG GGT TTG		767	
926	Ala Thr Tyr Leu Phe Thr Gln Ser Glu Ile Lys Lys Leu Lys Gly Leu			
927	245	250	255	
928				
929	ATT CAG AGA AAA GCC CCA AAT GTA GTT AAT CTC TCT TCC TTC GTC GCG		615	
930	Ile Gln Arg Lys Ala Pro Asn Val Val Asn Leu Ser Ser Phe Val Ala			
931	260	265	270	
932				
933	ATC GCA GCT TAT ATC TGG ACC GGC ATC GCC AAA TCG GTC GGA GAT TAC		863	
934	Ile Ala Ala Tyr Ile Trp Thr Gly Ile Ala Lys Ser Val Gly Asp Tyr			
935	275	280	285	
936				
937	AAA GAC GTG GAT GAC GAC AAA CGC GCT TTC TTT TTA ATT CCG ATC GAT		911	
938	Lys Asp Val Asp Asp Lys Arg Ala Phe Phe Leu Ile Pro Ile Asp			
939	290	295	300	
940				
941	TTA AGG CCG CGT TTG GAT CCG CCG GCT CCG GGG AAC TAC TTC GGA AAC		959	
942	Leu Arg Pro Arg Leu Asp Pro Pro Ala Pro Gly Asn Tyr Phe Gly Asn			
943	305	310	315	320
944				
945	TGT CTA TCG TTT GCG ATG GCG AAG ATC CTG CGG CGG GAT TTG GTC GGA		1007	
946	Cys Leu Ser Phe Ala Met Ala Lys Ile Leu Arg Arg Asp Leu Val Gly			
947	325	330	335	
948				
949	GAT GAA GGG GTG TTT CGG GCA GCT GAG GCG ATC GCG GCG GAA ATA GAG		1055	
950	Asp Glu Gly Val Phe Arg Ala Ala Glu Ala Ile Ala Ala Glu Ile Glu			
951	340	345	350	
952				
953	AAG AGG ACG AGC GAC AAG AAG ATT CTA GAA ACT GTG GAG AAC TGG CCG		1103	
954	Lys Arg Thr Ser Asp Lys Lys Ile Leu Glu Thr Val Glu Asn Trp Pro			
955	355	360	365	
956				
957	TCT GAG ATT CGC GAA GCC TTG CAA AAC TGT TAT TTC TCG GTG GCG GGA		1151	
958	Ser Glu Ile Arg Glu Ala Leu Gln Asn Cys Tyr Phe Ser Val Ala Gly			
959	370	375	380	
960				
961	TCG AGC AGG CTT GAT CTT TAC GGC GCG GAT TTT GGA TGG GGT AAG GCG		1199	
962	Ser Ser Arg Leu Asp Leu Tyr Gly Ala Asp Phe Gly Trp Gly Lys Ala			
963	385	390	395	400
964				
965	GTG AAG CAA GAG ATA CTG TCG ATT GAT GGA GAG AAG TTT ACG ATG TCG		1247	
966	Val Lys Gln Glu Ile Leu Ser Ile Asp Gly Glu Lys Phe Thr Met Ser			
967	405	410	415	
968				
969	TTG TGT AAA CCG AGG GAT GCT GCC GGA GGA TTG GAG GTT GGA TTG TCT		1295	
970	Leu Cys Lys Pro Arg Asp Ala Ala Gly Gly Leu Glu Val Gly Leu Ser			

numbers off
↓

PAGE: 5

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356B**

DATE: 10/28/1999
TIME: 17:33:21

INPUT SET: S33783.raw

971 420 425 430 *numbers off*
972
973 TTG CCA AAG GAG GAA TTG CAA GCT TTT GAT GAT TAT TTT GCG GAG GGA 1343
974 Leu Pro Lys Glu Glu Leu Gln Ala Phe Asp Asp Tyr Phe Ala Glu Gly
975 435 440 445 *J*
976
977 ATA AAG GGT TGATTAATCA TTTAATCATG TATTATGAAG TTGGATGAAA 1392
978 Ile Lys Gly
979 450
980
981 TCCTCTGTTT CATCTCTATT GTTTAACCAA TAATTTTTT CCATTGAACT TTTTGAGTC 1452
982
983 AATAAAAAAA AAAAAAAAAA AAAAAAAATG AAAAAACTCA GTTATTTTTT TTTTTTTTTT 1512
984
985 TTTTTTTTTT 1521
986
987

PAGE: 1

**SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/894,356B**

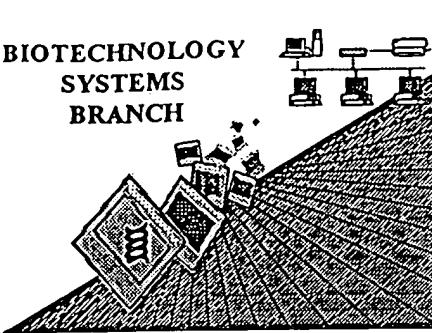
DATE: 10/28/1999

TIME: 17:33:21

INPUT SET: S33783.raw

Line	Error	Original Text
839	Entered (1521) and Calc. Seq. Length (1522) differ	(A) LENGTH: 1521 base pairs
865	# of Sequences for line conflicts w/ running total	NTG ACC ACC CTC CTC GAA TCC TCC CGA GTG GC

BIOTECHNOLOGY
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Notice of Availability of Checker Program

Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CRF 1.821 through 1.825).

Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

Checker is a DOS-based software program that is intended to assist users in determining whether errors may be present in the sequence listings, and is not intended to guarantee that the submission is error-free.

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The software is in current directory: pub/checker/
Download all the files. Cost: Free-of-charge
- 3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441
WASHINGTON DC 20231

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